

[002] FIELD OF THE INVENTION ◆◆

[003] ~~According to the preamble of claim 1, the invention relates to a regulatable continuously variable transmission, especially for motor vehicles.~~ ◆◆

[004] BACKGROUND OF THE INVENTION ◆◆

[011] ~~The problem on which the invention is based is solved by a nozzle having the characteristics of the main claim.~~ ◆◆

[012] SUMMARY OF THE INVENTION ◆◆

[015] BRIEF DESCRIPTION OF THE DRAWINGS ◆◆

[016] ~~The embodiment shows an advantageous design of an inventive nozzle. In the drawing the invention will now be described, by way of example, with reference to the accompanying drawings in which:~~ ◆◆

[020] DETAILED DESCRIPTION OF THE INVENTION ◆◆

1-6. (CANCELED)

7. (NEW) A regulatable continuously variable transmission for a motor vehicle in which an encircling device (3) rotates around first and second pairs of cone pulleys (1, 2), the first pair of cone pulleys (1) is disposed on an input shaft and the second pair of cone pulleys (2) is disposed on an output shaft, and both the first and second pairs of cone pulleys (1, 2) each have an axially fixed cone pulley and an axially movable cone pulley, and cooling and lubricating oil being supply to the encircling device (3) and the first and second pairs of cone pulleys (1, 2) via a nozzle;

wherein the nozzle is a multiple-jet nozzle (4) in which the flow diameter (9, 10) of the multiple-jet nozzle (4) gradually diminishes, in a flow direction (13), between at least first and second discharge openings (7, 8).

8. (NEW) The transmission according to claim 7, wherein the flow diameter (9, 10) changes such that a stationary flow prevails in the multiple-jet nozzle (4).

9. (NEW) The transmission according to claim 7, wherein the ratio of the oil volume flow for the first pulley pair (1) to the oil volume flow for the second pulley pair (2) ranges from 45:55: to 35:65.

10. (NEW) The transmission according to claim 7, wherein flow diameter (9, 10) of the multiple-jet nozzle (4) has a different value for each of the first and second discharge openings (7, 8).

11. (NEW) The transmission according to claim 7, wherein the multiple-jet nozzle (4) only has first and second discharge openings (7, 8).

12. (NEW) The transmission according to claim 7, wherein an outer diameter (11) of the multiple-jet nozzle (4), between the at least first and second discharge openings (7, 8), is constant.

13. (NEW) The transmission according to claim 7, wherein the ratio of the oil volume flow for the first pulley pair (1) to the oil volume flow for the second pulley pair (2) is about 40:60.